

Title (en)

Apparatus and method for accurately dispensing solid materials from a container

Title (de)

Vorrichtung und Verfahren zum vollständigen Abgeben von festem Material aus einem Behälter

Title (fr)

Appareil et procédé pour une décharge complète de matériaux solides d'un conteneur

Publication

**EP 0524443 B1 19960515 (EN)**

Application

**EP 92110560 A 19920623**

Priority

US 72911491 A 19910712

Abstract (en)

[origin: EP0524443A1] A method and apparatus for accurately discharging the entire contents of a container is disclosed. A rigid container (1) has an open upper end and at least one hole (9) in the bottom of the container. The container has a flexible liner (6) with a neck portion which is folded back around the upper end of the container to form a cuff (7). The cuff is sealed against the sides of the container (1) and the container is inverted. A gas is injected through the hole or holes (9) in the bottom of the container into the space between the flexible liner (6) and the container (1). This everts the liner and insures that all of the contents of the container are dispensed. <IMAGE>

IPC 1-7

**B65B 69/00**; **B65D 88/62**

IPC 8 full level

**B65D 83/00** (2006.01); **B65B 69/00** (2006.01); **B65D 88/62** (2006.01); **B65G 47/90** (2006.01)

CPC (source: EP US)

**B65B 69/005** (2013.01 - EP US); **B65D 88/62** (2013.01 - EP US)

Cited by

WO03043724A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0524443 A1 19930127**; **EP 0524443 B1 19960515**; AT E138027 T1 19960615; CA 2070455 A1 19930113; DE 69210700 D1 19960620; DE 69210700 T2 19961002; JP H05305979 A 19931119; JP H07110666 B2 19951129; US 5246327 A 19930921

DOCDB simple family (application)

**EP 92110560 A 19920623**; AT 92110560 T 19920623; CA 2070455 A 19920604; DE 69210700 T 19920623; JP 18541992 A 19920713; US 72911491 A 19910712